

ABSTRACT

The present invention provides method and carrier for culturing multi-layered tissue *in vitro*, wherein few amounts of tissue blocks and cells
5 are positioned within a porous multi-layer carrier consisting of a cavity structure. By taking advantage of the structure of the carrier, tissue blocks and cells are separated into different layers according to their sizes, and incubated *in vitro* to reconstruct a multi-layered tissue for tissue repair.

10

G:\REF\E2\FORMOSA.E\國內當事人（國外專利）\工研院生醫中心\申請\說明書\02p0311.doc